

ARRIVED.

Tuesday, Dec. 22. Stmr. Mauna Loa, Simerson, from Lahaina, Maalaea, Kona and Kau ports, at 8:09 a. m., with 4901 hags sugar, 42 crates chickens and turkeys, 177 hogs, 30 head cattle, 1621 bags coffee, 171 bunches bananas, 127 bbls, and boxes oranges, 122 bags taro, 57 boxes fruits, 37 bags awa, 27 boxes honey, 28 kegs butter, 36 pkgs. hats, 19 boxes and bbis. fish and 225 pkgs. sundries.

Stmr. Helene, Weir, from Kawaihae, 3:30 a. m., with 69 head of cattle. Wednesday, Dec. 23.

Stmr. Mikahala, Gregory, from Kauni ports, at 5:20 a. m. Stmr. Kauai, Bruhn, from Kauai ports, towing steamer Ke Au Hou, at

5:47 a. m. Stmr. Ke Au Hou, Tullett, from Kauai ports, disabled, in tow of stmr. Kauai, at 5:47 a. m.

Am. sp. Jos B. Thomas, Soule, 72 days from Newcastle, at 11 a. m. U. S. S. Iroquois, Rodman, from Pearl Harbor, at 5:30 p. m. Am. bark Kalulani, Colly, 16 days from San Francisco.

Stmr. Lehua, Naopala, from Molokai

DEPARTED.

Tuesday, Dec. 22. Stmr. Nocau, Pederson, for Lahaina, Kaanapali, Honokaa and Kukulhaele,

Schr. Lady, for Koolau ports, at 8:45

Schr. Mokihana, for Koolau ports, at

Stmr. Kinau, Freeman, for Hilo and way ports, at noon. Stmr. Maui, F. Bennett, for Maui

ports, at 5 p. m. Stmr. W. G. Hall, S. Thompson, for Kauai ports, at 5 p. m.

Wednesday, Dec. 23. U. S. S. Iroquois, Rodman, for Pearl Harbor, at 19:30 a. m.

Stmr. Helene, Nelson, for Mahukona, Paauhau, Kukaiau, Ookala, Laupahoehoe, Papaaloa and Kawaihae, at 5 p. m., A.-H. S. S. American, Colcord, for Kahulul and New York, at 5:30 p. m. Stmr. Lehua, Naopala, for Maui, Lanai and Molokai ports, at 5 p. m.

PASSENGERS.

Arrived.

From Kau, Kona and Maui ports, per stmr. Mauna Loa, Dec. 22.—From Kau: C. F. Fishel, W. H. Miles, J. A. Teves, Ward, J. H. Tenton and wife, SHAFT OF KE AU Miss W. Marcus, Miss Ben Taylor, Dr. L. S. Thompson, Y. Hamamura; from Kona: D. Kaupiko, Wm. Kamauoha, Jas. Ako, Miss A. M. Dias, Miss C. Ferreira, A. J. Storm and wife, Albert Nawahi and wife, Mrs. Nawahi, J. D. Paris and son; from Maul ports: W. J. Coelho, B. Waggoner, E. D. Lance, W. G. Ashley, Jr., T. J. Munsell, Miss M. K. Daniels and 80 deck.

Per stmr. Mikahala, Dec. 23, from C. Funkler, Mr. Jenson, Miss Edwards, E. L. Cutting, Prof. W. D. Alexander, J. J. McDonald, S. M. Kerns and wife, C. Davies, Miss Punahau and 43 deck. Departed.

dcKenzie and child. Sing Fat. E. Dunn, A. Garcia, J. A. bert, M. A. Hauschield, C. E. Greenfield, Jas. Johnston, Dr. J. H. Raymond Lai Hip, Mrs. L. C. Train, Father James, Joshua D. Koki, Mary E. Low, Miss A. Low, C. H. B. Fowler, R. Tods, L. von Tempsky and wife, Miss M. Horner, Miss B. Horner, Mrs. R. Ludloff and child, H. P. Baldwin and wife, E. D. Baldwin, A. B. Clark, J. H. Scott and wife, J. T. McCrosson, R. H. Trent, R. W. Shingle, Miss Vere Greenfield, Miss Elsa Hink, Miss Laura T. Myers, Miss Eda Kopke, L. Billman, P. Peck

Mrs. Wolters, Geo. C. Stratemeyer. For Maui ports, per stmr. Maui, Dec. 22 .- A. T. Hagenkamp and wife, Mrs. E. Hanson and 2 children, Antone Souza, John Madeiros, Miss Seabury D. B. Murdock, H. C. Ovenden, T D. B. Murdock, H. O'Brien, C. A. MacDonald, Jas. Painter, wife and son,

Jap Schooner at Midway.

It was rumored yesterday that a Japanese sealing schooner has been Japanese sealing schooner has been D realty at Pohakupuka, Kulanakii, wrecked at Midway, having gone there Kahimano and Manoloa, 155 1-100 acres to make some minor repairs. The vessel had put into the lagoon several days before being damaged in a squall. This is probably the boat reported by Captain Weisbarth as being at the French Frigate Shoals killing birds.

Nithau's Position Located.

Prof. W. D. Alexander, the representative of the U. S. Coast and Geothe Mikahala from Kauai. The Professor went to Nilhau to make a series of triangulations with a view to determining Nilhau's exact location with relation to Kaual. It is believed that the island, according to the new figures and positions to be marked on the maps, will be nearer to Kauai than

American Departe.

The American-Hawaiian steamer American left Honolulu for Kahului at 5:30 p. m. yesterday to load the remainder of her sugar cargo. She will then leave directly for Delaware Breakwater, via the Horn.

THE OLD RELIABLE SIX MUNTH Absolutely Pure

COHEN HANGS UP MANY BIG PURSES

The biggest combination of purses ever offered for amateurs is to be hung up by J. C. Cohen for the competing sailors at the Orpheum boxing tournament on Christmas night. Of course the main events always command good prices but Mr. Cohen is giving better prizes for the winners than the sailor boxers have ever commanded before.

Consequently there is much excitement and anticipation in the harbor over the program, and aside from the money that the actual contestants will get their backers are willing to wager on their favorites and much money will probably change hands between the

There is much excitement also in the bout between Huihui and Jack Ward, champion navy light-weight, and the sailors are prepared to wager their last cent on their man. The Hawaiians and indeed most of the local folk are equally confident that the native will best the sailor.

Barry and Patton will make a fine showing and the other local contestants should prove interesting. The seat sale started vigorously this morning at the Orpheum box office and presages a crowded house. Aside from the sailors the officers of the fleet will probably attend en masse.

HOU IS BROKEN

The steamer Kauai arrived yesterday morning from Kauai island towing the Inter-Island steamer Ke Au Hou. The latter left here on Monday evening. Yesterday morning while off Hanamaulu the crank shaft was shattered and Kauni ports.-Miss M. Mossman, Miss Captain Tullet signalled to the shore the news of the accident. The Waialcale was at Hanamaulu and at one S. Shebu, Misses Akana, Mr. Akana, H. went to the assistance of the disabled steamer and towed her to Ahukini The passengers and freight were trans-For Hilo and way ports, per stmr. ferred to the Waialeale. Captain Bruhn Kinau, Dec. 22.—Jonathan Alau, E. E. of the Kauai, who was then at Koloa, Lyman, Miss E. Akamu, Mrs. A. S. was telephoned for and he brought his 8. was telephoned for and he brought his vessel around to Ahukini, and taking Sing Fat, E. Dunn, A. Garcia, J. Cunningham and wife, Dan Forbes, J. B. Pattullo, J. N. Smith, W. H. Laming arrived here yesterday morning.

REAL ESTATE TRANSACTIONS

Recorded Dec. 21, 1903. Honolulu-Hon Kee, groceries (new). Kong Sin Co., Tailor and Shoe deal-

WAIALUA, OAHU.

er (new).

Tr. Est. B. P. Bishop to See Sans Wai Co., L rice, taro and kula land and pond at Kalia, Paalaa-kai, 5 71-100 acres, 15 yr. at \$90 'a yr. Oct. 31, 1903.

HILO, HAWAII.

Y Hamada to J. Iwasaki, et al., c m. leasehold at Punahoa, 1 20-100 acres; leaseholds at Punahoa 2nd 14 3-4 acres 1 hack and 2 black horses, \$1500, 5 mo. at 10 per cent per an. Dec. 17, 1903. C. McClennan et ux to A. C. Palfrey,

\$155; July 23, 1898. In the matter of the estate of Jno. Kane, deceased; order of notice of hearing petition for allowance of final accounts, distribution and discharge In the matter of the estate of Da-

vid Kamai, deceased; order of notice of hearing petition for administration. E. da Silva, admr. with the will an-nexed of the Est. of F. Simao, deceased; notice to file claims.

In the matter of the estate of Kama-(wahine), deceased; order of notice detic Survey, returned yesterday on of hearing petition for administration,

HAMAKUA, HAWAIL J. Medeiros and wf to J. M. Soares

D por of lot 37 in Ahualoa, 3-8 acre S. K. Kuikahi to Pacific Sugar Mill

water rights in village and stream of Kukuihaele, 15 yrs at \$50 a year. S. KONA, HAWAII,

J. W. Kuaimoku to S. A. Kuaimoku, D realty at Halelli, 308 acres; \$1. Dec. KAU, HAWAII.

Kamaka, et al., to C. Meinecke, D. realty at Kawela, \$200; Nov. 16, 1903. KULA, MAUL

Mrs. Geo. Copp to Wong Sam et al., L realty at Koheo, 18 acres; 15 years at \$90 a year. Sept. 1, 1903.

CONTRACTS

Price of Beef Has Gone Up Since Last Year.

Bids were read and contracts awarded for supplies to the Leper Settlement and the Insane Asylum, for the first six months of 1904, at the meeting of THERE IS NO SUBSTITUTE the Board of Health yesterday afternoon. When bidders tied the award, was decided by the toss of a coin.

With Dr. C. B. Cooper, president, there were present Fred. C. Smith, Dr. W. H. Mays, M. P. Robinson, E. C. Winston and John C. Lane, members; C. Charlock, secretary; J. D. McVeigh, superintendent of Leper Settlement, and

Miss Mae Weir, stenographer, BEEF CATTLE CONTRACT. There was only one tender for beef cattle for the Settlement, to weigh not less than 300 pounds dressed and be delivered in lots averaging 90 head a month. It was from the Parker Ranch by A. W. Carter, agent, and the price 1 1-4 cents more than the past year's. Mr. Carter, answering a question by

Dr. Cooper, said the reason for the raise was that the Board had got its beef too cheap before. 'Fat beef cattle were worth o 1-4 cents dressed weight today

Mr. McVeigh said the conditions of the new contract were much more favorable to the Board than those of the The contractor takes all the old one. risk of losing cattle on the voyage or in the landing operations. Mr. Carter mentioned that 12 head were lost on a recent trip

The contract was awarded to the sole bidder. Other contracts awarded were to the following named for the supplies respec tively stated:

LEPER SETTLEMENT.

Allen & Robinson, Ltd., doors, win-dow sash one size, boiled oil. California Feed Co., wheat, Theo. H. Davies & Co., Ltd., wheat

bran, Eagle condensed milk, canned sal-H. Hackfeld & Co., Ltd., lime, bak-

ing powder, mess beef canned, flour, matches, Milkmaid condensed milk, kerosene oil, Hawaiian rice,
E. O. Hall & Son, Ltd., 8d cut nails, white lead, galvanized iron pipe three izes, guava charcoal. Honolulu Iron Works, iron pipe three

J. A. Hopper & Co., Ltd., iron pipe three sizes. Lewers & Cooke, Ltd., six items of

himber, window sash one size, 8d and Jad galvanized nails,
Lewis & Co., Rose condensed milk,
best red salmon, salt.
Love's Bakery, medium bread,
H. May & Co., Ltd., green Kona cof-

fee, No. 1 sugar, M. W. McChesney & Sons, roasted Kona coffee, brown soan. Pacific Hardware Co., Ltd., turpen-

Wilder's Steamship Co., coal in bags INSANE ASYLUM.

California Fruit Co., onions, Kona oranges, large prunes, small prunes. Theo. H. Davies & Co., Ltd., apricots, baking powder, Bayo beans, California cheese, canned corn, flour, leaf lard, Eagle condensed milk, canned pears, canned peaches, potatoes, best red salmon, coarse salt, washing soda, granulated sugar.

H. Hackfeld & Co., Ltd., mill brooms Boston card matches, kerosene oil, Ha-waiian rice, canned tomatoes. George H. Holt, fresh island eggs.

Honolulu Dairymen's Association, fresh milk. Lewis & Co., yard brooms, macaroni, Lewis & Co., yard brooms, macaron, sweet potatoes, spaghetti, pouchong tea. H. May & Co., Ltd., fresh apples, white beans, corned beef, cooking butter, green Kona coffee, California orange; extra mess pork, No. 1 susar.

Metropolitan Meat Co., Ltd., beef four descriptions.

Love's Bakery, fresh and medium

Pacifie Hardware Co., Ltd., steamboat

brooms, large mons.
Wilder's Steamship, Co., coal.
M. W. McChesney & Sons, brown soap. Though not the lowest bid, the article offered is home manufacture. OTHER BUSINESS.

The case of a woman suspect, who wanted to return to the Settlement as a kokua of her husband, was discussed and the request granted.

Dr. Atcherley, a Government physician on Hawaii, complained by letter of being refused payment for treating a native mail carrier, who claimed free treatment on the score of being "an in-The Board decided it had nothing to

do with the matter.
Dr. Mary F. Barry reported having sited 20 schools of Honolulu, made

1388 examinations, performed 217 vac-cinnations, of which 163 were success-ful, and issued 1384 health certificates. President Cooper having expressed approval of an amendment to the Lahaina sanitary regulations, recommended by Inspector L. M. Vetlesen, it was adopt

It referred to the swine-keeping

The president, as a committee of one on the equipments of the new dispenreported in effect that, after consultation with the Governor and the Auditor, it was deemed unnecessary to draw upon the six months' appropria tion, as there would be ample means for the purpose in the eighteen months

appropriation. WHEN SUFFERING from a cold and you fear an attack of pneumonia. secure a bottle of Chamberlain's Cough Remedy and use it judiciously. There is no danger from this disease where this remedy is used. It always cures and cures quickly. For sale by all dealers and druggusts. Benson, Smith & Co., agents for Hawaii.

HORSES WHICH HAVE BEEN REARED SINCE EARLY DAYS

(Continued from Page 3.)

W. H. Rice of Kauai, is a gentleman who has for years interested himself in horses and their breeding, and some of the finest saddle horses on our streets today were bred by Mr. Rice. "Willie" Rice, aside from being a good fellow, is an accomplished horseman and knows a good horse when he sees him, never hesitating to pay the price, if the animal is the one he wants. In the list of animals owned by Mr. Rice, I notice such well bred horses as "Spraydon," "Traducer," imported from Australia by the Sinclairs, "Bosimported well, Jr.," "Almont," "Maud," bred by well, Jr.," "Almont," "Maud." bred by H. J. Agnew, "Santa Teresa,"—"Sa-ble Wilkes"—"Lyle A." Mr. Rice is also an admirer of "Oregon" and "Lau-rel" as I notice "Bismark"—"Hector," "Oregon Mare," "Laurel," "Lawai," and "Charley Wonder." Mr. Rice is also breeding draft horses, and has three fine stallions in "Rover," "Capt. Growl," and "Solon, Jr."

"Signal" by "McClellan"—"Signal" mare, imported in 1884 by Hoacae ranch, Oahu, has produced a number of stylish saddle and carriage horses. All of his colts are well proportioned. "The Mallard" by "Fellowcharm" out of "The Teal" by "Hindor," was foaled in 1891, and imported in 1895 by Kapapala ranch. In size he is 16.1 hands, and in color a bay. His colts are good cattle and saddle horses.

is far from complete. In looking down is far from complete. In looking down the list I find the blood of such world famous horses as "Longfellow," "Lex-ington," "Learnington," "Great Tom," "Norfork," "Wilkes," "Almont," "Joe Hooker," "Wildidle," running through the veins of these stallions, and this question arises in my mind: To what is due the lack of good horses in these It is certainly not for the want of good blood. In the opinion of the writer, it is a lack of good judg-ment in breeding and good brood There is no question in my mind but that had the stallions of "early days" and the present day, for that matter, had proper care and advantages, the Islands would have been stocked with a fine lot of brood-mares, and today instead of importing, would have been exporting. The custom of turning out an imported stallion, who from birth has been well cared for, stabled and fed, with a lot of mares on inferior pasture, and expect him produce good hardy colts in the writer's opinion is all wrong. I know of ranches in these Islands, where the stallion is turned out winter and sum-

mer, and never taken in when the feed is short, and the owners expect this stallion to get first class colts. stallion can be turned out where feed is good, from January to December, other stock, their bodies being very full well and good, but there are not many ranches where this can be done. your stallion, have your mares in good condition always, and you will get good results. A fact that strikes the writer very

forcibly, is that the best of our sad-dle horses and "cow ponies" have the thoroughbred blood in their veins, being quick on their feet, a quality lacking in standard bred. I don't believe we can infuse better blood into and I think most of you will agree with me in this. In selecting a thoroughbred stallion with an idea of breeding horses, one should be careful, lerds with favorable results.
to select an animal who has descended (Signed) G. C. MUNRO. from long distance horses. Unfortunately all over the United States they are breeding sprinters and it is hardly

of now Don't buy a stallion just because he is cheap, or you will regret it, but if you find a stallion who is "right," buy him even if you have to pay a long price. Good things come high. Seeing most of the ranches allow their colts to run until they are 3 or 4 years old, before handling, it is well to select a stalllon of good disposition.

A great mistake made, is that of allowing colts to run with their dams, after they are yearlings. dangerous practice as a risk is run, in having the colts cover their dams. The writer has seen this time and time

again. It may interest you to know that a number of the fast ones (pacers and trotters) of early days, took passage to horse heaven from these Islands. 'Deflance" (pacer) imported by Levi, "George Treat," imported by Sam Graham, "Fisherman," and "Butcher Boy," by S. C. Bowley "Ragpicker" by John McKeague, "Ivan-

oe" and "Joe Dake" by Porter. There is no doubt but that the climate of our Islands will do a great deal for cripples, for of the above named horses, not one of them was able to go a fast half, without retiring to the hospital for a week or so, when they first arrived, but in a short space of time were able to do as much work as a number of the young ones.

The writer has been trying for the last few years to breed Hinnies, but so far have falled to make a success of it. I have had a stallion running with the Jennies ever since he was eight months old, and though his actions go to show that he has served them, there have been no results. Have any of you present ever tried this? J. MONSARRAT.

G. C. Munro presented a paper on Devons on Dry Ranches, as follows:

DEVONS FOR THE DRY RANCHES.

In considering the most suitable breeds of cattle to use to improve and keep up the quality of the Island herds, where beef production is the principal aim, and taking into consideration the peculiar conditions existing on many of the ranches, periodical scarcity of feed, occasional protracted droughts. long distance to water, driving on very hot and dusty roads, or rough rocky trails, and shipping off the coast under more in favor of or less objection to of it in the woods near Kallill growing

the Devon herd than any other class of cattle.

The characteristics of the Devons quoting from "Breeds of dairy cattle, Farmer's bulletin No. 106, "compact-ness and general beauty, hardiness, activity, intelligence, docility, aptitude to fatten, and quality of milk" are all lesirable points to meet the conditions here, and being only a medium size is an advantage, considering that they are heavy weighers for their size, and it is quite likely that on the ranches as much weight will be attained by Devon grades as by the grade of

heavier breeds. As beef animals the Devons have no superiors, unless in size, the steers be-ing profitable alike to the grazier and the butcher, to the former in the good use made of the feed consumed and to the latter in the amount and quality of the beef on the carcass.

As milkers they do not hold first place, but they rear their calves ex-ceptionally well, and on many ranches would probably be at profitable milk-ers as other breeds; some fair milking records have been made by Devons. As working cattle the steers are first class, getting over the ground more

quickly than others, and in Devonshire were considered equal to horses for plowing. The Devon bulls are very active and

aggressive and if other bulls are on the same pasture the Devons will leave the majority of calves, their strength The writer has before him a list of and sagacity fitting them to vanquish over sixty imported stailions, stand-ard, thoroughbred, Arabian, Cleave- are also readily transmitted to their ard, thoroughbred, Arabian, Cleave-land Bays, draft and Mustang, and it offspring. In my personal experience I have found that under favorable conditions in New Zealand the Devons do not compare with the Durham Shorthorn as a general purpose animal, being inferior in milk supply and in furnishing the largest class of store steers

that are in demand there. On the Makaweli ranch, where a fine class of Shorthorn grade cows were kept some years ago, a change having been made from Devons originally carried there, the Shorthorns were delicate for the ranch, and it was found desirable to go back to the Devons. The steers from the Devon bulls used in this change were splendid animals, with good points of both breeds and the rustling quality of the Devons, the ranch having good beef cattle during series of dry years. The Makaweli changes were exactly the opposite of my early experience in New Zealand and are an example of difference in conditions giving different results, not that the Devons did not do well there but the Shorthorns were more profit able, the opposite being the case a Makaweli.

The grade steers from an importa-tion of Devon buils to the Molokai Ranch a few years ago, and bred with a fair lot of cows of various strains, are just coming into the market and they are well marked amongst and rounded before the purse fills, whilst other grades with a full purse, denoting prime condition show considerable slackness in the beef points, few of the Devons sold last year gave weights up to that of older and larger animals of other breeds; of course some allowance must be made for the fact that the Devons were nearer the pure blood than the others.

The Devon grades keep in better condition during the dry season and pick our range horses than thoroughbred, up quicker when the feed improves than in Honolulu a few months ago, trying

most other strains. Other ranches have, I believe, used the Devon cattle in improving their

L. von Tempsky, the Maui rancher, read a paper on Pamakani grass, as follows:

REPORT ON PAMAKANI.

Makawao, Maul. H. I., 2 Nov., 1903. A. F. Judd, Esq., Secretary Hawailan Live Stock Breeders' Association. Sir: In compliance with your request to write what I know about Pamakani for the meeting of the above Association to be held in Hilo this month, I append herewith a brief account of my observations in connection with this weed.

My attention was first drawn to Pamakani about 1885 or '86 at Ulupalakua. It must have been growing there right along, but it was only when it began to spread over the mauka land that it first attracted itself It was then growing at altitude of approximately 3,500 feet on the side of a steep hill, the soil being composed principally of cinders with a loamy top soil; prior to the advent of the Pamakani Pipiwai and it grew there quite profusely, this was very soon obliterated by the Pamakani and from that time I noticed a steady increase, slowly at first, but as it began to spread and attain a larger area from which to draw its seed supply, more rapidly; growing both mauka and makai till now it can be found as low as 2,000 feet and as high as 6,000. The elevation it does best at is from four to five thousand feet.

In 1899 it had reached Makawao, and Kaupo in 1900; a distance of about twenty miles in either direction.

To give an illustration of the rapidity with which it can spread itself when it reaches a locality which is suitable to its growth, I may tell you that in February, 1901, I went from Kaupo to Makawao through the crate of Haleakala, at an elevation of about 4,500 feet and I noticed a few scatter ing plants of Pamakani; when I made same trip in May of this year lands to the extent of about five hundred acres were so completely covered with it, that it is impossible for either man beast to get through.

The conditions in that locality are, frequent light rains, and a soil composed of loam and gravel.

I have so far seen no Pamakani on the northern side of Maui from Kaupo to Makawao. It may of course be there, but it doesn't seem to be known as a pest in that part of this island. Pamakani will, however, grow in the very awkward and dangerous condi- parts of Maui where the trade-wind tions, it seems to me that there is rains occur, as I have seen a patch

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CHAS. BREWER & CO. 27 Kilby St., Boston, OB C. BREWER & CO., LIMITED, HONOLULU.

SHER BELLEVING SHERRY STREET DIED.

McNABB,-Suddenly, Nov. 25, 1903, at Fillmore, Ventura County, Cal., Joseph Derby McNabb, of Halifax, Nova Scotla, in the 64th year of his

BOOKS READY FOR COUNTIES

Auditor Fisher has now on hand all the books and blanks needed by the counties with which to begin business on the first Monday in the new year. The first batch of the county books will be sent to East Hawaii on tomorrow's steamer and by Tuesday all of the books needed by the counties will

have been distributed. The Legislature appropriated \$12,500 for the purchase of books and blanks, but the Auditor has required less than half the sum to do the work. A number of coast firms had representatives to get these contracts, but by distrib-uting the work among the various offices in the city, the Auditor was able to have the work done under his immediate supervision and at reasonable figures.

RELIEF AFTER SIX YEARS.—Mrs. M. A. Clark, of Timberry Range, N. S. W., Australia, writes: "I wish to in-form you of the wonderful benefit I have received from your valuable medicines. I suffered from a severe cough for six years and obtained no relief until I took Chamberlain's Cough Rem-One bottle cured me and I am thankful to say that I have never had the cough since. Make any use of this letter that you like for the good of any other poor sufferers." For sale by all dealers and druggists. Benson, Smith

******** up amongst the dense Hilo grass. Pamakani is I understand referred to

& Co., agents for Hawall.

in Hillebrand's Flora of Hawaii as "Senecio," and also "Phupilanthes," there being evidently two plants of that name. This shows that Pamakani must have grown on the Islands for a long

period, and the only reason I can deduce for its not having spread before 1885 and '86, is that probably prior to that date there may have been some insect or blight that kept it in check which insect or blight must about that time have disappeared. The so-called Maui Black Blight kills

Pamakani, but very slowly; also I have noticed this year for the first time. the olinda beetle in certain localities has stripped it perfectly clear of leaves; but as it comes up again from the roots I cannot hold out much hope from that source, for any material help towards its extermination.

Pamakani is perennial; grows in a bunch of stems starting direct from the roots, color of stems nearly claret, has a dark green diamond shaped leaf, and a cluster of white flowers at the extreme end of each stem. very minute, and light, therefore easily carried by the wind. The plant grows in very favorable localities to a height of six and seven feet, but usually about three or four is what is found. It is not a hard plant to dig out having when young very shallow roots; and I have no difficulty in keeping it out of my lands in Makawao; it is only when it becomes thoroughly established that it is hard and

Trusting that the foregoing will be of some little nee to you, I am, sir, Yours sincerely,

expensive to eradicate.

(Sgd) L. VON TEMPSKY.

The remaining papers will be published in subsequent issues.